

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("4789307").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/12 13:29
S2	2	("4386873").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/12 13:52
S3	27	("1909578"   "3189334"   "3364862"   "3400664"   "3470822"   "3598501"   "3617146"   "3726606"   "3824852"   "3910725"   "4256598"   "4275995"   "4553902").PN. OR ("4789307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 13:56
S4	1029	(417/40,61,061).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:06
S5	0	("4andpump").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:06
S6	642	S4 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 14:06

S7	30	("2669934"   "2739536"   "2829598"   "2981196"   "3272134"   "3316845"   "3941073").PN. OR ("4050396").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 14:20
S8	11	("3941073"   "4050396"   "4275995"   "4331883"   "4424006"   "4789307"   "5211363"   "5257590"   "5493982").PN. OR ("5669323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 15:04
S9	118704	bail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 15:06
S10	13704	S9 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 15:06
S11	42	114/183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 15:31
S12	19	("0238639"   "3118596"   "3598505"   "3618390"   "3961863"   "4012178"   "4373867"   "4448020"   "4523903"   "4953490"   "5044295"   "5346369"   "5381675"   "5564143"   "5842838").PN. OR ("6435849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 15:32
S13	167	S10 and "114".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 15:36
S14	30	("2669934"   "2739536"   "2829598"   "2981196"   "3272134"   "3316845"   "3941073").PN. OR ("4050396").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 15:43

S15	619	S10 and "417".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/12 15:56
S16	2	((ANGUS) near2 (REARDON)).INV.	EPO; JPO; DERWENT	OR	ON	2008/08/12 16:14
S17	0	((ANGUS) near2 (REARDON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 16:17
S18	13	"4789307"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:05
S19	31	"4275995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:07
S20	41	("2697196"   "2829598"   "3256828"   "3316845"   "3318248"   "3408942"   "4013383"   "4171186").PN. OR ("4275995").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 06:10
S21	118704	bail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:26
S22	13704	S21 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:26
S23	1717	S21 and S22 and (spherical or sphere or spheroidal or oval or ovoidal or elliptical or ellipse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:26

S24	42	114/183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:26
S25	0	S24 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:26
S26	1029	(417/40,61,061).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/13 06:27
S27	1	S26 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:27
S28	8	shape near2 bailer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:33
S29	203	(bailer or bailing) near2 pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 06:34
S30	31	"642012"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:09

S31	4	"2979011"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:13
S32	0	oval near2 bailer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:22
S33	1	spherical near2 bailer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:22
S34	15	bailer near3 shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:24
S35	5	(oil near2 recovery) with bailer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:26
S36	1	(oil near2 spill) with bailer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:27
S37	0	elliptical near3 bail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 07:31
S38	19	("3139060"   "3149605"   "3339516"   "3613630"   "4106425").PN. OR ("4699597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:16

S39	1828	210/416.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 11:26
S40	50	S39 and bail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 11:26
S41	19	("3139060"   "3149605"   "3339516"   "3613630"   "4106425").PN. OR ("4699597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:36
S42	8	417/232	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:40
S43	644	210/923	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 11:54
S44	978	210/241	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:47
S45	701	210/242.3	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:50
S46	28	("3603952"   "3719936"   "4131773"   "4243529"   "4434650"   "4469170"   "4497370"   "4527633"   "4546830"   "4549171"   "4625801"   "4663037"   "4678040"   "4761225"   "5028212"   "5180013"   "5207897"   "5316085"   "5341877").PN. OR ("5474685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 13:01
S47	22	("3485749"   "3748682"   "3970556"   "4132645"   "4614582"   "4642185"   "4652372").PN. OR ("5053145"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 13:20
S48	293	210/122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 13:37

S49	0	210/170.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 13:52
S50	0	210/172.1-172.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 13:53
S51	588	(210/172.1-172.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 13:53
S52	4287	(210/251,258,167.1,167.18,167.2,747,776).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/27 14:22
S53	2474	S52 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 14:22
S54	159	S53 and(spherical or spheroidal or oval or ovoidal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 14:23
S55	192	S53 and(spherical or spheroidal or oval or ovoidal or elliptical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 14:24

S56	35	("0882030"   "3115459"   "3187895"   "3537587"   "3617548"   "3701429"   "3722688"   "3722689"   "3745115"   "3764527"   "3779382"   "3792979"   "3794175"   "3831756"   "3948768"   "4024063"   "4053414"   "4105557"   "4111809"   "4154678").PN. OR ("4243529").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 15:16
S57	1407	bail\$3 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 15:19
S58	627	S57 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/27 15:20
S59	28	("3603952"   "3719936"   "4131773"   "4243529"   "4434650"   "4469170"   "4497370"   "4527633"   "4546830"   "4549171"   "4625801"   "4663037"   "4678040"   "4761225"   "5028212"   "5180013"   "5207897"   "5316085"   "5341877").PN. OR ("5474685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 17:25
S60	22	("3485749"   "3748682"   "3970556"   "4132645"   "4614582"   "4642185"   "4652372").PN. OR ("5053145"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 17:31
S61	17	("3642140"   "3970556"   "5308510"   "5478483"   "5767060").PN. OR ("5948266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 18:29
S62	4288	(210/251,258,167.1,167.18,167.2,747,776).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/28 06:39
S63	9	S62 and ((stiffen\$4 or strength\$5) near3 rib)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 06:39



S64	11	S62 and ((stiffen\$4 or strength\$5) with rib)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 06:42
S65	159	S62 and rib	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 06:42
S66	5	"6435849"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 06:53
S67	2	((ANGUS) near2 (REARDON)).INV.	USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/08 14:49
S68	13	"4789307"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/08 14:50
S69	1	((ANGUS) near2 (REARDON)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/08 14:55

### EAST Search History (Interference)

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